

PIPE SEP 08 2003 OFFICE
PATENT & TRADEMARK

A. SIDNEY KATZ
RICHARD L. WOOD
JEROLD B. SCHNAYER
ERIC C. COHEN
JOSEPH R. MARCUS
GERALD S. SCHUR
GERALD T. SHEKLETON
JAMES A. SCHEER
DANIEL R. CHERRY
ROBERT B. BREISBLATT
JAMES P. WHITE
R. MARK HALLIGAN
HARTWELL P. MORSE, III
EDWARD P. GAMSON, Ph.D.
KARA E.F. CENAR
KATHLEEN A. RHEINTGEN
THOMAS W. TOLPIN
ELLIOTT C. BANKENDORF
RICHARD W. McLAREN, JR.
JOHN L. AMBROGI
JULIE A. KATZ
JON P. CHRISTENSEN
ERIC D. COHEN
WALTER J. KAWULA, JR.
PHILIP D. SEGREST, JR.
MITCHELL J. WEINSTEIN
LEONARD FRIEDMAN
STEVEN E. FELDMAN
JEFFREY W. SALMON

WELSH & KATZ, LTD.

Attorneys at Law

120 SOUTH RIVERSIDE PLAZA • 22ND FLOOR
CHICAGO, ILLINOIS 60606-3912

TELEPHONE (312) 655-1500

FACSIMILE (312) 655-1501

www.welshkatz.com

THOMAS L. GEMMELL
LOUISE T. WALSH
CHARLES R. KRICKORIAN, Ph.D.
PAUL M. VARGO, Ph.D.
JOSEPH E. CWIK

SHANNON L. NEBOLSKY, Ph.D.
RICHARD J. GURAK
J. ARON CARNAHAN
ERIK B. FLOM, Ph.D.
TERESA D. TAMBOLAS
DANIEL M. GURFINKEL
MICHELE S. KATZ
NATALIE A. REMIEN
KRISTA M. LEBARON
YOLANDA M. PRICE

OF COUNSEL
LAURIE A. HAYNIE
JAMES J. MYRICK
THOMAS R. VIGIL

DONALD L. WELSH (1925-1998)

* ALSO ADMITTED IN DISTRICT OF COLUMBIA

September 5, 2003

Commissioner for Patents
P.O. Box 1450
Alexandria, Virginia 22313-1450

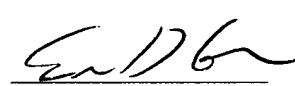
Re: Patent Application of McCarthy et al.
Serial No. 10/620,507
Filed: July 16, 2003
N-PORT SIGNAL
DIVIDER/COMBINER
Our File No. 7836-90235

CERTIFICATE OF MAILING

I hereby certify that this paper is being deposited with the United States Postal Service as First-Class Mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, Virginia 22313-1450, on this date.

September 5, 2003

Date


Eric D. Cohen,
Reg. No. 38,110

Dear Sir:

Enclosed herewith are the following:

1. Transmittal Letter (in duplicate);
2. Information Disclosure Statement (in duplicate);
3. Form PTO-1449 (in duplicate);
4. Nine (9) U.S. references;
5. Four (3) foreign references; and
6. Four (4) other documents;
7. Postcard.

The Commissioner is hereby authorized to charge any fees which may be required, or credit any overpayment, to Deposit Account No. 23-0920.

Very truly yours,

WELSH & KATZ, LTD.

By


Eric D. Cohen



Docket: 90235

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant:	McCarthy et al.	Group Art Unit:	
Serial No.:	10/620,507	Examiner:	Not Yet Assigned
For:	N-PORT SIGNAL DIVIDER/COMBINER	Filed:	July 16, 2003

Confirmation No. _____

INFORMATION DISCLOSURE STATEMENT

- ☒ 1 Pursuant to 37 CFR 1.97(b)
[within 3 months of filing or prior to 1st Office Action]
- ☐ 2 Certification Pursuant to 37 CFR 1.97(c)
[before Final Office Action or Allowance]
- ☐ 3 Fee Payment Pursuant to 37 CFR 1.97(c)
[before Final Office Action or Allowance]
- ☐ 4 Petition, Certification & Petition Fee Payment Pursuant to 37 CFR 1.97(d)
[before issue fee payment]

Commissioner for Patents
P.O. Box 1450
Alexandria, Virginia 22313-1450

SIR:

The following are submitted in the above identified application in compliance with 37 CFR 1.97 & 1.98:

- ☒ 5 A list of documents on Form PTO-1449 together with copies of each identified document and a translation or a concise explanation of each non-English language document is enclosed herewith.

This paper is submitted in accordance with:

- ☒ 6 37 CFR 1.97(b): [within 3 months of filing or prior to 1st Office Action]
- ☐ 7 37 CFR 1.97(c): [before Final Office Action or Allowance, whichever is earlier]; and
- ☐ 8 The required certification made in item 11 below; or
- ☐ 9 The \$180.00 fee specified in 37 CFR § 1.17(p) for submission of this Information Disclosure Statement is authorized in item 14 below.
- ☐ 10 37 CFR 1.97(d): [before issue fee payment]; and
- a) This is a petition for consideration of the subject Information Disclosure Statement. The petition fee (\$180.00) required by 37 CFR 1.17(i)(I) is authorized in item 14 below. (Direct this letter to: "Attention PETITIONS EXAMINER" and if applicable include batch locator information: e.g. "Allowed Files, Batch _____, Date of Allowance _____"), and

b) The required Certification is stated in item 11 below.

[] 11 Certification

[] 12 Each item of information in this Statement was cited in a communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this Statement; or

[] 13 No item of information contained in this Statement was cited in a communication from a foreign patent office in a counterpart foreign application or, to the knowledge of the person signing this document after making reasonable inquiry, was known to any individual designated in 37 CFR 1.56(c) more than three (3) months prior to the filing of this Statement.

[X] 14 Please charge all applicable fees associated with the submittal of this Information Disclosure Statement to Deposit Account No. 23-0920. An original and one (1) copy of this document are enclosed.

In the judgment of the undersigned, portions of the references may be material to the examination of the pending claims. However, the references have not been reviewed in sufficient detail to make any other representation and, in particular, no representation is intended as to the relative importance of any portion of the references or to whether the references are considered "analogous art." This Statement is not a representation that the cited references have effective dates early enough to be "prior art" within the meaning of 35 U.S.C. Section 102 or 103. This Information Disclosure Statement shall not be construed as an admission that the statement or cited references are, or are considered to be, material to the patentability under 37 C.F.R. Section 1.97(h).

Respectfully submitted,

WELSH & KATZ, LTD.

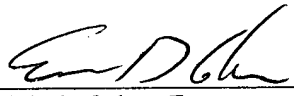
Eric D. Cohen
Reg. No. 38,110

WELSH & KATZ, LTD.
120 South Riverside Plaza
22nd Floor
Chicago, IL 60606
(312) 655-1500
September 5, 2003

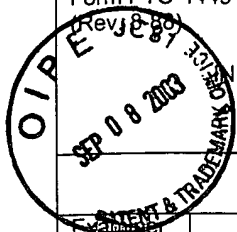
CERTIFICATE OF MAILING

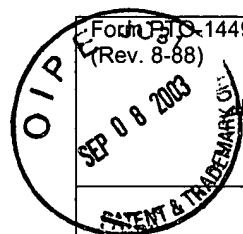
I hereby certify that this paper is being deposited with the United States Postal Service as first-class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, Virginia 22313-1450, on this date:

September 5, 2003
Date


Eric D. Cohen, Esq.
Registration No. 38,110
Attorney for Applicant

Form PTO-1449 (Rev. 8-80)		U.S. Department of Commerce Patent and Trademark Office		Attorney Docket No. 7836-90235		Serial No. 10/620,507	
INFORMATION DISCLOSURE STATEMENT (Use several sheets if necessary)				Applicant McCarthy et al.			
				Filing Date July 16, 2003		Group No.	
U.S. PATENT DOCUMENTS							
Initial*		Document Number	Date	Name	Class	Subclass	Filing Date If Appropriate
		4,262,266	4/14/81	Chern			
		6,118,355	9/12/00	Pelz			
		6,278,407 B1	8/21/01	Ashjaee			
		6,452,549 B1	9/17/02	Lo			
		6,342,867 B1	1/29/02	Bell			
		5,963,180	10/5/99	Leisten			
		6,515,557 B1	2/4/03	Wangsvick			
		6,307,525 B1	10/23/01	Bateman			
FOREIGN PATENT DOCUMENTS							
		Document Number	Date	Country	Class	Subclass	Translation Yes No
		GB 2 170 358 A	7/30/86	United Kingdom			
		WO 96/00989	1/11/96	PCT			
		EP 0 492 302 A2	7/1/92	EPO			
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)							
		Australian Patent Office International Search Report-Patent Office Reference No. CS/03/0047 - 3/25/03 ✓					
		Derwent Abstract Accession No. E7437X/21, DE 2453605 (SIEMENS AG) 5/13/76					
		Derwent Abstract Accession No. 84-077306/13, FR 2532120 A (THOMSON-BRANDT) 2/24/84					
Examiner				Date Considered			
*Examiner: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.							





Form PTO-1449
(Rev. 8-88)

U.S. Department of Commerce
Patent and Trademark Office

Attorney Docket No.
7836-90235

Serial No.
10/620,507

INFORMATION DISCLOSURE STATEMENT
(Use several sheets if necessary)

Applicant

McCarthy et al.

Filing Date
July 16, 2003

Group No.

U.S. PATENT DOCUMENTS

Examiner Initial*	Document Number	Date	Name	Class	Subclass	Filing Date If Appropriate
	5,198,831	3/30/93	Burrell			

FOREIGN PATENT DOCUMENTS

	Document Number	Date	Country	Class	Subclass	Translation	
						Yes	No

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

	Multipath-Rejecting GPS Antennas, Charles Co. Counselman III, Proceedings of the IEEE, Vol. 87, No. 1, pp. 86-91, January 1999

Examiner

Date Considered

*Examiner: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.